



# Maximum Achievable Control Technology Program Update

Lisa Cox

Kansas Department of Health and Environment  
Air Permits and Compliance Section

Air Quality Teleconference  
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# Maximum Achievable Control Technology Standards

- ✚ MACT Standards
- ✚ General Requirements of  
MACT Standards
- ✚ New MACT Standards
- ✚ Area Source Update



# MACT Standards

- ✖ Approximately 88 MACT Standards promulgated since 1990 (40 CFR Part 63)
- ✖ Approximately 40 additional MACT Standards with compliance dates in remainder of 2005 through 2007
- ✖ Compliance dates in place for **48 MACT Standards**
  - Compliance date typically 3 years after promulgation for existing sources.



# General MACT requirements

- ✦ Applicable standards of participating facilities and KDHE contact.

## Standard

## KDHE Contact

**N**-Chromium Electroplating 63.340-63.347

Jim Stewart

**T**-Halogenated Solvent Cleaning 63.460-63.470

Jim Stewart

**DD**-Off-Site Waste and Recovery Operations  
63.680-63.698

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**GG**-Aerospace Manufacturing & Rework Facilities  
63.740-63.753

Lisa Cox



# General MACT requirements

- ✦ Applicable standards of participating facilities and KDHE contact.

Standard

KDHE Contact

**JJ**-Wood Furniture 63.800-63.808

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**KK**-Printing and Publishing 63.820-63.831

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**PP**-Standards for Containers 63.920-63.928

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**EEE**-Hazardous Waste Combustors 63.1200-63.1216

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**LLL**-Portland Cement Manufacturing 63.1340-63.1359

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# General MACT Requirements

## Notification Requirements; Performance Testing:

-If your facility is required to conduct a performance test, you must notify the administrator in writing 60 days before the test is scheduled.

§§ 63.9 KDHE contacts: Larry Molder, Ben Orton

## Recordkeeping and Reporting Requirements;

### Recordkeeping Requirements for Applicability Determinations:

-If your facility determines that your source is not subject to a relevant standard or other requirement, you shall keep a record of the applicability determination on site for a period of 5 years.

§§ 63.10



# General MACT Requirements

## Recordkeeping and Reporting Requirements, Periodic Startup, Shutdown, Malfunction Reports:

- SS&M reports must be submitted semi-annually. If actions are not consistent with the procedures specified in the SS&M plan, the actions must be reported within 2 working days, followed by a letter within 7 working days. §§ 63.10

## Recordkeeping and Reporting Requirements:

- Most MACT standards require REPORTING – please review your files to ensure your facility is submitting all necessary reports to the KDHE and copying the EPA. §§ 63.10
- The KDHE has adopted all MACT standards in the CFR through July 1, 2003 and are currently working on 2004 and 2005.



## 2005 MACT's

✧ XXXX – Rubber Tire  
Production

§§63.5980-63.6015

✧ Initial Notification:  
11/6/02

✧ Compliance Date:  
7/11/05

✧ KDHE Contact:  
Jim Stewart

✧ UUUU - Cellulose  
Products Manufacturing

§§63.5480-63.5610

✧ Initial Notification: 10/9/02

✧ Compliance Date:  
6/11/05

✧ KDHE Contact:  
Jim Stewart





## 2006 MACT's

✂ RRRR -Metal Furniture  
Surface coating

§§63.4880-63.4981

✂ Initial Notification:  
5/24/04

✂ **Compliance Date:**  
**5/23/06**

✂ KDHE Contact:  
Lisa Cox

✂ FFFF – Misc. Organic  
Chemical Production and  
Processes (MON)

§§63.2430-63.2550

✂ Initial Notification: 3/9/04

✂ **Compliance Date:**  
**11/10/06**

✂ KDHE Contact:  
Jim Stewart



## 2006 MACT's

✂ WWW - Reinforced  
Plastic Composites  
Production

§§63.5780-63.5935

✂ Initial Notification: 8/19/03

✂ **Compliance Date:**  
**4/21/06**

✂ KDHE Contact:  
Jim Stewart

✂ GGGGG - Site  
Remediation

§§63.7880-63.7957

✂ Initial Notification:  
2/5/04

✂ **Compliance Date:**  
**10/8/06**

✂ KDHE Contact:  
Lisa Cox



## 2006 MACT's

✂ HHHHH - Miscellaneous  
Coating Manufacturing

§§63.7980-8105

✂ Initial Notification: 4/9/04

✂ **Compliance Date:**  
**12/11/06**

✂ KDHE Contact:  
Lisa Cox



## 2007 MACT's

- ✂ **EEEE** - Organic Liquids Distribution (Non-Gasoline)  
§§63.2330-63.2406
- ✂ **MMMM** - Miscellaneous Metal Parts and Products  
(surface coating) §§63.3880-63.3981
- ✂ **PPPP** - Plastic Parts/Products (surface coating)  
§§63.4480-63-4581



## 2007 MACT's

- ✂ **ZZZZ** - Reciprocating Internal Combustion Engines (RICE) §§63.6580-63.6675
- ✂ **DDDDD** - Industrial, Commercial, and Institutional Boilers and Process Heaters §§63.7480-63.7575
- ✂ **YYYY** - Stationary Combustion Turbines (CT)  
§§63.6080-63.6175



# Area Source Update

## **Title V Deferral/Exemption**

### Area Source/Title V Permit Deferral

- Six categories of MACT area sources were deferred from Title V until December 9, 2004
  - Dry Cleaners
  - Degreasers
  - Chrome Electroplaters
  - EO Sterilizers
  - Secondary Aluminum Production Facilities
  - Secondary Lead Smelters



# Area Source Update

## ✂ **Title V Deferral/Exemption**

### ✂ EPA's Proposed Rulemaking:

- EPA intends to propose that five of the area source categories be exempt from Title V permitting.
- The exception: Secondary Lead Smelters



# Area Source Update

## ✂ **Title V Deferral/Exemption**

### ✂ Schedule for Rulemaking:

- Proposal: March 25, 2005
- Final: ?????? (Before December 2005)





## More Information

✧ Helpful Website:

EPA -Table of final MACT rules

<http://www.epa.gov/ttn/atw/mactfnl.html>



# More Information

## Handouts:

FFFF-MON

WWW-Reinforced Plastics

GGGGG-Site Remediation

YYYY- Stationary Combustion Turbines

ZZZZ- Reciprocating Internal Combustion Engines  
(RICE)

DDDDD -Industrial, Commercial, and Institutional  
Boilers and Process Heaters

EEEE - Organic Liquids Distribution



## More Information

### Bureau of Air and Radiation MACT Contacts

Lisa Cox: [Lcox@kdhe.state.ks.us](mailto:Lcox@kdhe.state.ks.us)

785-296-1548

Jim Stewart: [Jstewart@kdhe.state.ks.us](mailto:Jstewart@kdhe.state.ks.us)

785-296-1556

1000 SW Jackson, Suite 310

Topeka, Kansas 66612

Fax: 785-291-3953